

BAH Summary

Flooding in 802.17 Networks (bah_fld_02.pdf)

- Identifies need for draft to describe unidirectional and bi-directional flooding.
- 802.1D/Q requirements for packet duplication and misordering
- Scenarios resulting in packet duplication and misordering.
- Recommendations to minimize packet duplication and misordering
- Flooding method is a local station issue.
- Frame format changes may be needed to improve robustness.

Further work – Recommendations for improving the robustness of packet duplication and misordering sensitive traffic.

802.1D/Q Compliance and Spatial Reuse

Current Draft has a 802.1D/Q compliance issue when end stations invoke destination stripping on the ring. The BAH has presented the following two proposals that address this issue:

1. Bridging & 802.1D/Q Compliance (bah_dot1.pdf)
 - Addresses compliance issues with current draft
 - No spatial reuse for unicast bridged traffic on the ring.
2. 802.1D/Q Compliance and Spatial Reuse (bah_spat_02.pdf)
 - Addresses compliance issues with current draft
 - Spatial reuse for all unicast traffic.

Further work – Refinement of proposals and propose draft text changes.

Frame Format Recommendations (bah_frm_02.pdf)

Proposed frame format requirements to accommodate 802.1D/Q compliance, spatial reuse, flooding, duplication, and misordering.

Proposed frame format requirements includes:

- Station Ids in the frame
- Flooding Indication in the frame

BAH Motion

Move that the working group approve BAH's recommendation for BAH to continue developing their proposal in the following areas.

- a) Bridging Compliance and Spatial Reuse
- b) Flooding and Packet Duplication/Misordering Issue (this applies to non-bridging transmission modes of operation as well)
- c) Frame Format Requirements to Support a & b.

Need to have participation from Clause 8, frame format technical editor and representation in the frame format work.

The group will produce draft text recommendations (changes to existing draft) based on the above aspects of the proposal along with supporting presentation material that will be presented at the next working group meeting.